

Title (en)
Improvements in or relating to printing processes

Title (de)
Verbesserungen an Druckverfahren

Title (fr)
Améliorations apportées à des procédés d'impression

Publication
EP 0774858 A3 19990407 (EN)

Application
EP 96118523 A 19961119

Priority
US 696595 P 19951120

Abstract (en)
[origin: EP0774858A2] A method for compressing screened image data for printing. The data is generated by tiling an image with multi-pixel cells. The pixels within any one cell may or may not be resampled to be better fit for compression. The method allows for selection between two compression paths, one which has no loss (24), the other which is lossy (26). Once the data is compressed, the information is stored in a buffer (16), then sent to the exposure module. If the lossy scheme is selected, a quantization factor (14) is used in compression that may be adjusted, depending upon feedback signals (18,20), to increase or decrease the compression. <IMAGE>

IPC 1-7
H04N 1/41

IPC 8 full level
B41J 2/52 (2006.01); **H04N 1/23** (2006.01); **H04N 1/41** (2006.01)

CPC (source: EP KR)
G03G 15/22 (2013.01 - KR); **H04N 1/41** (2013.01 - EP); **H04N 1/4105** (2013.01 - EP)

Citation (search report)

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- [Y] EP 0597571 A2 19940518 - ADOBE SYSTEMS INC [US]
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- [Y] FORCHHAMMER S., FORCHHAMMER M., PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION. (ICPR). ROME, 14 - 17 NOV., 1988., WASHINGTON, IEEE COMP. SOC. PRESS., US, vol. VOL. 1., no. 1988., 14 November 1988 (1988-11-14), US, pages 297 - 299., XP000043356, ISBN: 978-0-8186-0878-0, DOI: 10.1109/ICPR.1988.28226

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Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0774858 A2 19970521; EP 0774858 A3 19990407; CA 2190306 A1 19970521; CN 1159694 A 19970917; JP 3971815 B2 20070905; JP H09284564 A 19971031; KR 100396719 B1 20040429; KR 970028910 A 19970624; SG 48491 A1 19980417; TW 317686 B 19971011

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EP 96118523 A 19961119; CA 2190306 A 19961114; CN 96118507 A 19961119; JP 30841196 A 19961119; KR 19960055304 A 19961119; SG 1996011327 A 19961116; TW 86102313 A 19970226